

Model : ATZ HDMI-V2-E60

Description: HDMI Extender overCAT6/7 4K@60Hz 18Gbps w/IR Multi-Receiver Cascading (60M) [TX/RX]



This HDMI Extender includes a transmitter (TX) and a receiver (RX), working as a pair. And also, it supports **Multiple receivers Cascade connection** to achieve a long distance transmission. Uncompressed transmits full HD 4K@60Hz HDMI signal via CAT6/7 cable, the transmission distance is up to 60 meters with zero latency. At the same time, the signal is stable, and the built-in EDID greatly improves the compatibility of the device. With HDMI loop output and remote HDMI output, support 20-60KHz IR remote control. This product is perfect for AV transmission in applications of Conference system, Multimedia teching, TV store, Home theatre, Church, Metro, Signage, etc.

Features:

- ◆ Uncompressed transmits HDMI signal up to 60M over CAT6/7 cable;
- ◆ Support point to point connection up to 60M (1Transmitter to 1 Receiver)
- ◆ Support Multiple Receivers Cascade Connection to achieve a long distance HD signal transmission and distribution ;
- ◆ **Uncompressed transmission, delay time is zero;**
- ◆ **Support Cascade Receivers from RX to RX is up to 60 meters over cat6 cable (Max. RX is 100PCS).**
- ◆ Reciever with a HDMI output port and RJ45 output port, can cascade connect to many HDTVs.
- ◆ Support local HDMI loop out and connect to a nearby display.
- ◆ Support 20-60 KHz infrared signal transmission;
- ◆ Support HDMI 2.0 and HDCP 2.2 standard;
- ◆ Support video resolution up to 3840*2160@60Hz;
- ◆ Ethernet cables with a standard IEEE - 568b connection, convenient installation;

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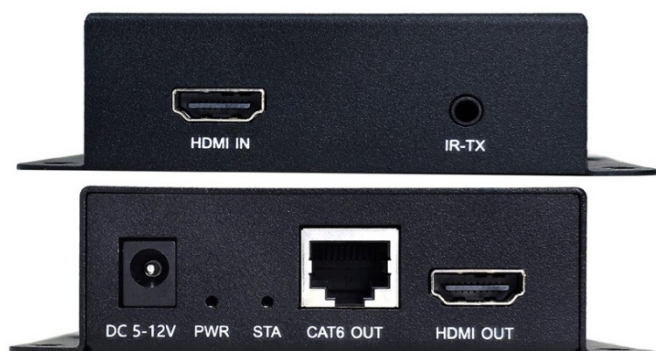
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- ◆ Support 5V -12V power supply.

Specifications:

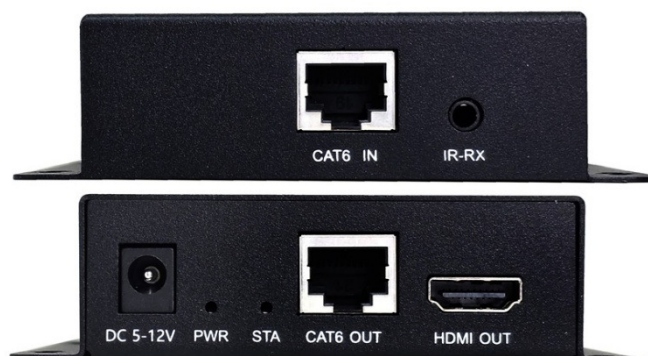
Parameter		Description
Video	Standards	HDMI2.0; HDCP 2.2
	Maximum pixel clock	600MHz
	Maximum data rate	18Gbps
	Maximum resolution	3840*2160@60Hz (backward-compatible)
	Connector	HDMI-A
	Impedance	100Ω
IR	Interface	3.5mm earphone seat
	IR frequency	20-60KHz
Network	Interface	RJ45 (IEEE - 568b connection)
	Transmission distance	CAT6 up to 60M
Other	Power supply	DC 5V 1A
	Power dissipation	MAX 3W
	Temperature	Operating: -5°C ~ +70°C
	Humidity	Operating: 5% ~ 90%
	Dimension (L*W*H)	90*105*21mm

TX



Transmitter

RX



Receiver

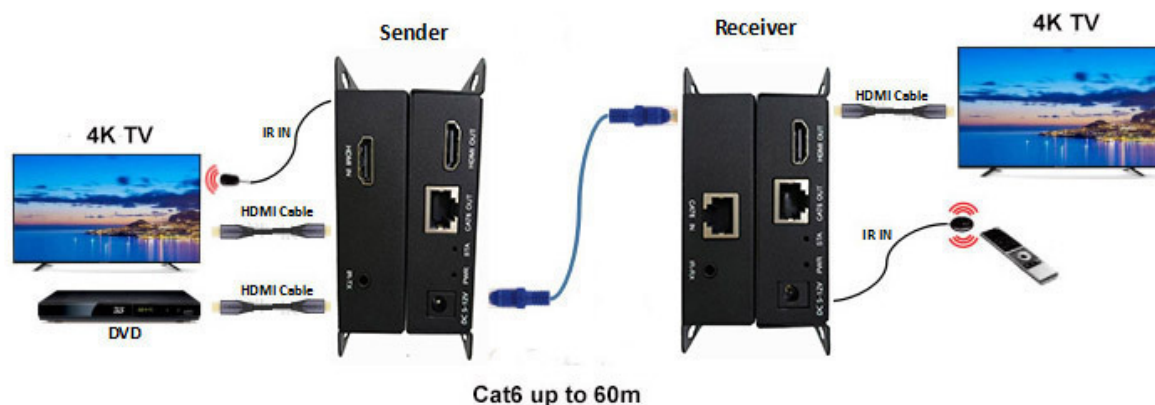
HDMI IN: connect to a nearby HDTV	Cat6 IN: network input port
Cat6 OUT: network output port	Cat6 OUT: connect to another Receiver by cat6 cable
IR-TX: plug in IR out cable	IR-RX: plug in IR IN cable
STA: the indicator for working status	STA: the indicator for working status
PWR: the indicator for power connection	PWR: the indicator for power connection
DC 5-12V:	DC 5-12V:
	HDMI OUT: connect to a remote display

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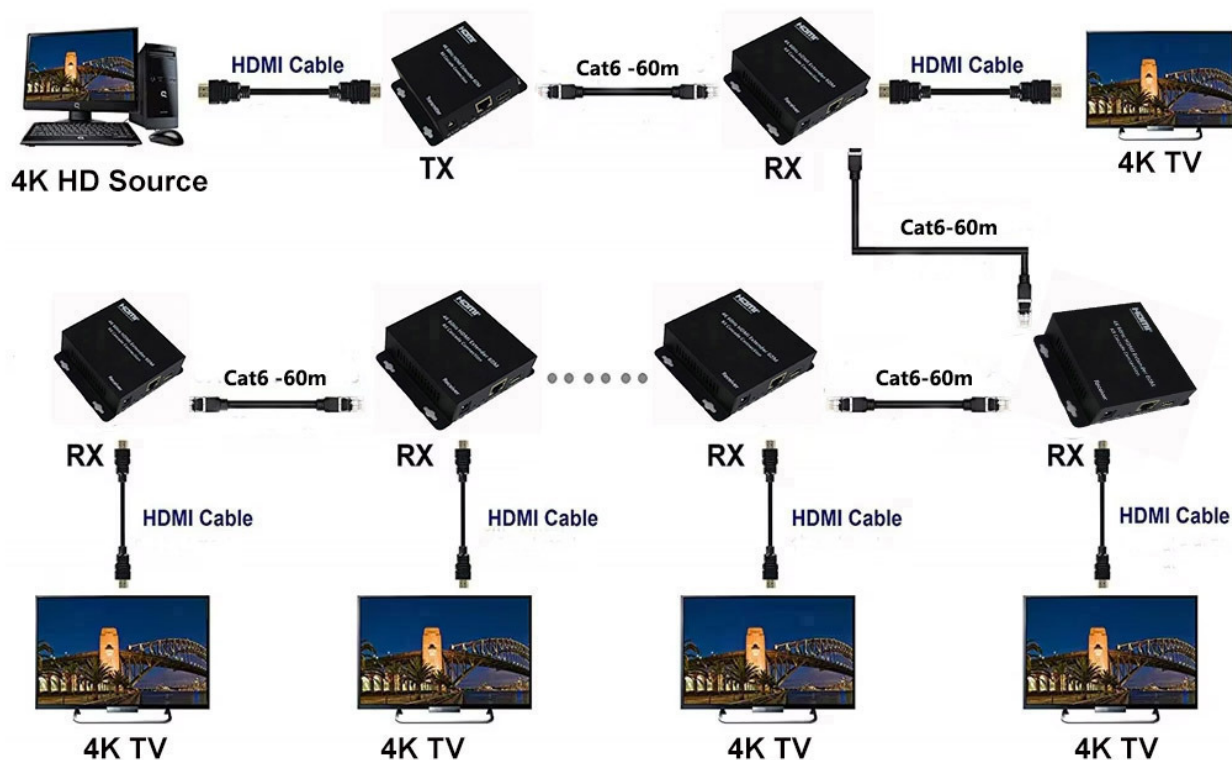
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Application Diagram:

1). Point to Point connection:



2). Multi-Receiver Cascade Connection



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Vehicle



Video Conference



Outdoor Display



Multimedia Teaching



Home Theatre



Broadcast and TV Station

Packaging Contents:

- 1x HDMI Transmitter
- 1x HDMI Receiver
- 1x IR cable (pair)
- 2x Power Adapter (5V 1A)
- 1x Instruction manual

Warranty: 2 Years

Warranty is effective from the date of original delivery.

This warranty shall be void if a serial number has been removed from the product.



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